

Figure 1

VH G250

D V K L V E S G G G L V K L G G S L K L  
 1 GAC GTG AAG CTC GTG GAG TCT GGG GGA GGC TTA GTG AAG CTT GGA GGG TCC CTG AAA CTC

S C A A S G F T F S N Y M S W V R Q T  
 61 TCC TGT GCA GCC TCT GGA TTC ACT TTC AGT AAC TAT TAC ATG TCT TGG GGT CGC CAG ACT

H1

P E K R L E L V A A I N S D G G I T Y Y  
 121 CCA GAG AAG CGG CTG GAG TTC GTC GCA GCC ATT AAT AGT GAT GGT GGT ATC ACC TAC TAT

H2

L D T V K G R F T I S R D N A K N T L Y  
 181 CTA GAC ACT GTG AAG GGC CGA TTC ACC ATT TCA AGA GAC AAT GCC AAG AAC ACC CTG TAC

...

L Q M S S L K S E D T A L F Y C A R H R  
 241 CTG CAA ATG AGC AGT CTG AAG TCT GAG GAC ACA GCC TTG TTT TAC TGT GCA AGA CAC CGC

H3

S G Y F S M D Y W G Q G T S V T V S S  
 301 TCG GCC TAC TTT TCT ATG GAC TAC TGG GGT CAA GGA ACC TCA GTC ACC GTC TCC TCA

CDRs H1, H2, H3

CDR definition according to Kabat scheme

**Figure 2**

Primers used for PCR amplification of G250 VH and VL regions

5

**Anchor and anchor poly C primers:**

Anchor: 5'-GCA TGC GCG CGG CCG CGG AGG CC-3'

10 Anchor poly C: 5'-GCA TGC GCG CGG CCG CGG AGG CC(C)<sub>12</sub>-3'

**Constant primers:**

15 VH-primers: 5'-CTC TAA GCT TGG CTC AAA CAC AGC  
GAC CTC GGA TAC AGT TGG TGC AGC-3'

VL-primers: 5'-CTC TTC TAG AGA GTC TCT CAG CTG  
GTA GGA TAC AGT TGG TGC AGC-3'

Figure 3A

08.05.2001  
HC\_cG250 (EcoRI-fragment in expression vector) double strand sequencing

1 TCATGACATT AACCTTAAAA AATAAGGGTAA TCACGAGGCC CTTTCGTCCTT CAAGAATTCT TCAGATACAA AGAATCTCTA AACCTGTAGGG ACATTCCTATC 100  
101 ACAAAATAAGT AAAATTCGAA AAATTCGAA TGCTCCATC ACAGAGATGA ATCTGCTATG AACAGCTCAT AGGTGTGAAG CCTCTACAAA GCCATATTAT 200  
201 TGAAAAGCCA CATTGTGCC AGACCTTGGAA ARGAATGAGC TCATATCCTG AAATACAGTT ATGTGTGTGTT CTATCTAATT ACACATTAC ACTAAGGAAA 300  
301 CATGGCCTTA TGGGAATGAA GCTTGTTCIG TACATCTAA CAGAGGGAA CTAACACAAAG TATGTGTGAA CCTTAACCAA AAGTAAAAAAA AAAAAAAA 400  
401 AAGAAAGAAA AAGGAAAAGGAAAAGTGAAGACT ACAATATGTT TCAATATGCTG TAATCTGAAT CTGGTTTTTT GTATGCTTAT ATCTGTGTTTC ATCAGTGACT 500  
501 TCAGATTTAG TCCAACTCCA GAGCATGGAA ACATGCAAT AGGTCTTC TGTGCCCCATG AAAAACCTT CGGCCCTTGTAC CCTTGAGGCTC 600  
601 TGACAGAGGA GGCCCTGTCTT GGATTGATT CCCAGTTCCT CACATTCAGT GATCAGCACT GAACACAGAC CCCTCACCAT GAACTTCGGG CTCAGATTGA 700  
701 TTTCCTGTGT CCTGGTTTA AAAGGTATCT TATTGATGTT AGAGGACATC TGCTGTATGC ACAGAGGTGC AGAAAAAAATG TTGTTTGTGTTT TTTTGTGA 800  
801 CAATGCTCCA AACAGTATTC TTTCCTTGA GGTGCTCTGT GTGACGTGAA GCTTCGTGGAG TCTGGGGAG GCTTAGTGA GCTTGGAGGG TCCCCTGAAC 900  
901 TCTCCCTGTGC AGCCTCTGGAA TCACACTTCA GTCAGTCTGG GTCAGCTCTGG CAATGCTTAA CTCAGCAGAA GAGGCTGGAG TTGGTCGGAG CCATTAATAG 1000  
1001 TGATGGGGT ATCACCTACT ATCTGACAC TGTGAAGGGC CGATTCACCA TTTCAGAGAA CAATGCCAAG AACACCCCTGT ACCTGCAAT GAGCAGTCG 1100  
1101 AAGTCTGAGG ACACAGCCTT GTCCTACTT GCAAGACACC GCTCGGGCTA CTTTCCTATG GACTCTGG GTCAAGGAAC CTCAGTCACC GTCTCCCTCAG 1200  
1201 GTAAAGATGG CCTCTCCAGG TCTTTTTTTT ATCTTGTAA ATGGAGTTT CTGAACTTG CAGACTTATC TTGGATATTG GTCCCTGTAGG TAGCCGGCTG 1300  
1301 AGAGAAATTG GGAAATTAAAC TGTCTCGGGAA TCTCAGAGCC TTAGGACAG ATTATCTCCA CATCTTGTAA AACTGAGAT TCTGTTGTAT GTGTTGGTG 1400  
1401 GAGTCCCTGG ATGATGGGT AGGGACATTG GAGGGCTATT TGAGGGAGAT GCTAAAACAA TCCVANGGT GGAGGGAGAG TTGGGGCTGT AGTTGGAGAT 1500  
1501 TTTCAGTTT TAGTATAAA GCTTGTAGCTG CGGGAAATCC TTCAAGGACCA CCTCTGTGAC AGCATTATA CAGTATCCGA TGCATAGGAA CAAGAGTGG 1600  
1601 AGTGGGCCAC TTTCCTTCGA TTGGGGGA ATGTTCCACA CTAGTTCTG TGAAACCTCA TTGGTTGGAG GGAGAGCTGT CTTAGTGCCT GAGTCAGGG 1700  
1701 AGAAGGGCAT CTAGCCTCGG TCTCAAAAGG GTAGTGTGCTG TCCAGAGGG TCTGGTGGAG CCTGGCAAAG CCTGGCTTC AAAGGAAAC AGAAGTATGT 1800  
1801 GTATGGATA ATAGGAGATG TTGCTTTTAC TCTTAAGTGT GTTCATAGGA AAAATAGTTA AACCTGTGAG TTAAATGTT GAGAGGGTT TCAAGTACTC 1900  
1901 ATTTTTTAC ATGTCAAAATTTCTGCA TCTCTGTCAA TCAATTGAG GTCTTGTGTTG TGTTGACTG ACATTAATCA AGTTTAACG GAGGANTGG AGTGGGGCTC 2000  
2001 TCTCATAPCCC TATTAGAAC TGACTTTAA CAATAATAA TTAGTTAA AATATTTTA AATGAAATGAA GCAATGTTGA GTTGGAGTCA AGATGGCGGA 2100

LC\_cG250 (HindIII-fragment in expression vector)

double strand sequencing

10.05.2001

4501 GAGATCTGG TCTGACTGCA CGTAGCCGGG TCTCTAGAC GTTAAAGTGG GAGATTTGGG GGGATGAGG AATGAAGGAA CTTCAAGGATA GAAAGGGTCT 4600  
4601 GAAGTCAGT TCAGCTCCTA AAATGGATGT GGGAGCAAC TTGAAAGATA AACTGAATGA CCAGAGGAT GAAACAGTGC AGATCAAAA GGGCCTGGGA 4700  
4701 GCTCTGAGAA CAGAAGGAGA GTCATTCTCGT TGAGCTTCC ACAAAATCTG TCTTGAGTTT TCGAATAAAA GTGGGATAGC AGAGTTGAGT GAGCCATAGG 4800  
4801 CTGAGTCTC TCTTGTCT CCTAAGTTT TAGACTACA AAAATCAGTA GATCTCTG AATAATCTAT TAAACTGTT GAAAGTATGA CTGCTTGCGCA 4900  
4901 TCTGAGTACCA ATGGCTTGCT GAAATTCAG AAGGGTGTG ACTCTTATC TAAATTTGT CACAAAATGT CAAATGAGA GACTCTGAG GAAAGAGTGC 5000  
5001 TTGACAGACA GCTCAAGGGG TTTTTCTCT TTGCTCTATT TCTACATGAA AGTAATTTG AAATGATCTT TTATATTATA ATAGTAGAAA TACAGTTGGG 5100  
5101 TTGAGACTAT ATGGTTTAT GGCCACGGTT TTGTAAGACA TTGGGCCCTT TGTTTCCCA GTTAACTTC GCTTGTATT TTATATGCC AGCAATGGAC 5200  
5201 TGAAACGGTC CGCAACCTCT TCTTACAC TGGGTGACCT CGGGGCTGTG CCAGGCCATT GGCCTTCACC TTGCGCTTA GGGCCGTTG AACCCCGAG 5300  
5301 GTAGCATCCC TTGCTCCGGG TGGACCACTT TCCTGAGGA CAGTGATGG AACAGAGCCA CTAATCTGAA GAGAACAGAG ATGTGACAGA CTACACTTAT 5400  
5401 GTTAGAAAAA CAAGGAAAGG GTGACTTATT GGAGGATTCA GAAATAAAAT GCATTTATTA TTATATTCCC TTATTTTATTTT TTTCTATTAG GGAATTAGAA 5500  
5501 AGGGCATAAA CTGCTTTATC CAGTGTATA TTTAAAGCTT TTTTTTTTC AGTGCTA 5557

LC\_cG250 (HindIII-fragment in expression vector)

double strand sequencing

10.05.2001

Figure 3B:

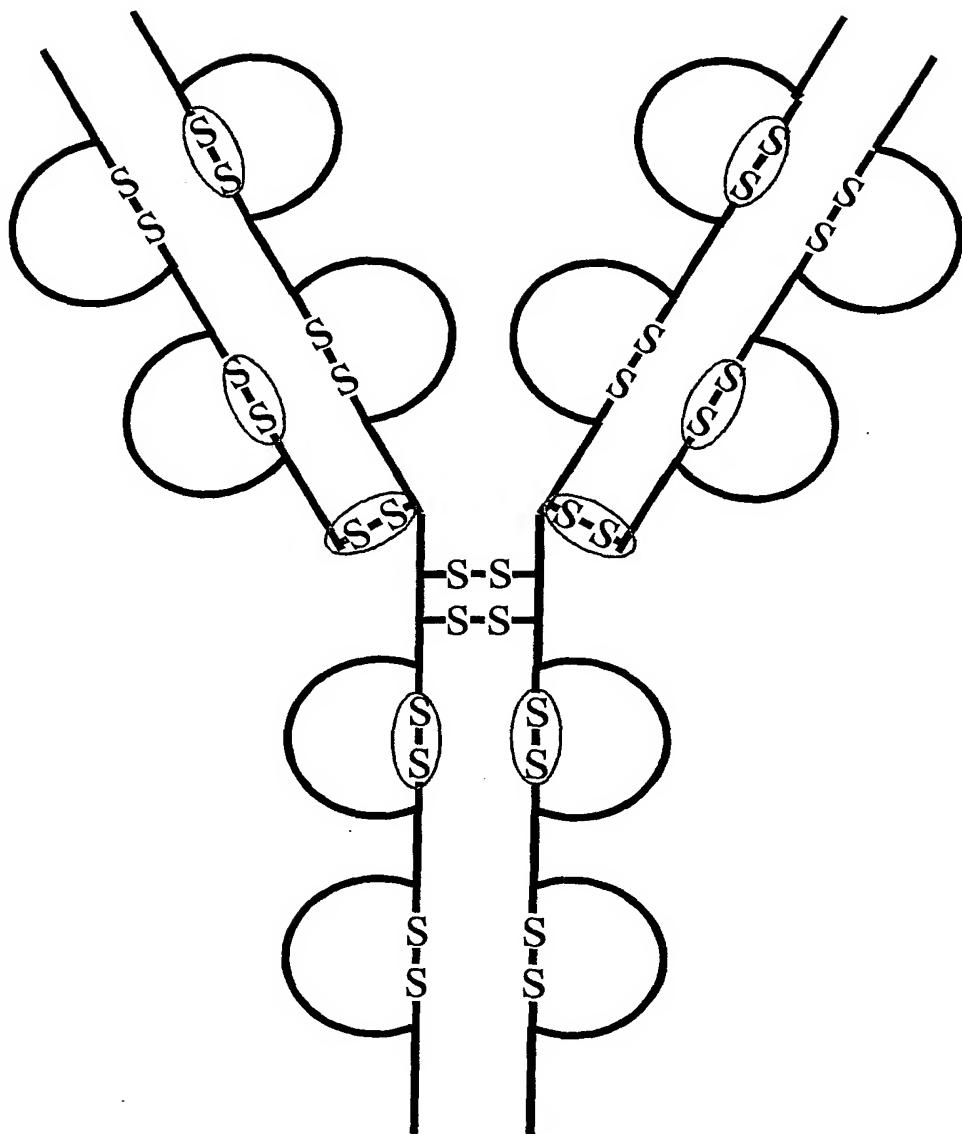
1 AATTCCAAAGC TTGTGATCTT CAGATCCAGG AAAGCCACCA CCAATATCRA ACAGATACAT GCTGAAACCA ACTTCTGTC TTATGTCAA TGACACAGGG 100  
101 GCATCTGACA CTGCTCTGAT GAGGGTCTCA GGTCACTACT TCACTACAC ACATGGAAAGC TGAACCAAT GACGTCAATA TTAGCTCTT TTGCCATT 200  
201 CAGGAGGAGA CTGCTGGTTT TGAAGTGTGGC ACCAGACCTA ACACCAAGTC GACAACATGC TTGGAAVACA TCTGTGACAA TCCACAAAAA CAACTTGTTC 300  
301 TTACATGTG CTCGACGAC ATTCACTCAAT TCATTCTACT GTCAAAAGTC ATCATCTGGA CTCCATTACT. GGGAGCATAC TTGATTGAG ACACTGTGTT 400  
401 ACACAAATGT GCATAGGTAAC TCCCTCTGAG AGGAACAGA AGCCCCGGTT CCAACTGTAT TICAGTCTTG CTGGACAGT CAAATCTGT ACCAAATAGCA 500  
501 GCTAGGGTGT TAACTATGGC TCTGTTGTC TTACACTGTA CTGACACAAA AGGAATAACA TTGGAAAGAG CTTTGTGCA CCTCAGATGC TCTTTAGAA 600  
601 TGTCTCTGAG GTTCGGAAACC TAGAAAAGAG AGACCTCAATT TTATTATTTG TGTTCAAGAT GTCTTGTGCA CTAAGGCCAC CATTCTGTAT ACAGGAGCTCA 700  
701 AACTCTTCCT TAGTATAGCT GCTCATCGTT CTCCATGTC CTACAGAAA CCTAGACATG GAATTAATT ATTGCGAGG CCTTACAGG TCAACTTATC 800  
801 CAAGAACTGT GAATGAGAC TCCITGAAAT GTTGGAAACA CTCACAGGAC AGGGTCAAGA CTGGCTGGAC ACATGGAGAC ACTGAATCTT GAAGAGGACT 900  
901 TGGCTGTCTG TTGCTTCATC ATGCTCTACTG ACCTGAGGTG GCACCAAGCT GCTTACTGAG GGAGGACTGT GGAGGGTGTCT GCAGGAACCTG ACATTTCTCC 1000  
1001 ACAATCTCT TACTGCCCA CTCATAACTC ATCTCTCTCTC CATCTCTCTC TTCTTCTCTCTT CTCCTCTCTT TTTCCTCTCTT TTCTCTCTCTT 1100  
1101 CTTTTCCACT TCCCTTTCTC TTCTTCTTT GCTGTTGCTG TTGTAAAGGA TTATATGTT CCTCGTGATT GAACCAAGG TAGTTGACT ATTATTCCTG 1200  
1201 TAAACTCAT CTGTTGATT TCTTAAATT ATTAAATT GTTACACTC CATATTAT TCAACCCCTC CATCCTCTCTA CTGGCTCTCA TACCATACCT 1300  
1301 CCTTCCACCA CCCCTGTCTC CACATGGATG CTGCACACTC CCATGCCACC TGACCTCTCA TCTCCCTAGG GCATCTAGTC TCTTGAGGT TAGATGCATC 1400  
1401 ATTCCTGAGT GAACACAGAT CCAACAAATC TCTGCTATAT GTGTTGTTGGT GGCCTCATAG CAGCTGGTGT ATGCTGCTG TTGTGTGATC CAGTGTGTA 1500  
1501 GGGCTCGC GGGTCTGAGT TAATGGAT TGTTGGACCT CTCAGGGTC TTTCAGTCTT TCCCTGATT ACAACACAGG TTCAATGTT CTGTTCATTTG 1600  
1601 GTGGGGTGC AATATCTGCA TCTGACTCTAG CTGCTTATG AGTGTGAGT GTGGAACTGC AGTGCAGTCA TGGTCTCTGC GTTCTATGA GTCTCTCCATA GCCTCAGTGA 1700  
1701 TAGTGTAGG CGTGGGACT GCCCTTGAC CTGGATTCTA TTGGTGGACCT GTCGCTGGAC CTCTCTTC TCAGGGCTCC CTCCATCTGT ATCCCTGTA 1800  
1801 TCTCTCAGA CAGGAACAA TATGGTCAAG AGTGTGAGT GTGGAACTGC ACCCCCTCTC CTCAATTAT GCCTGTCTT CCTGGTGGAA GTGGCTCTA 1900  
1901 TAAGGTTCCA CTCCCTACTG TGGGGATT CATCCCTTGT AGTCCTGAGA GTCTCTCACC TCCCAAGGTCT CTGGGGTCT CTCCCCAACCT 2000  
2001 CCTACCTCCC CAGGTTGCC CTCAGGAGAC TTCTGCTGGC CCCAGTGTCT TCACTCTCTT TCCCTCACCC AATATCTGAT TTGGATGAA GCCTGTCTAG 2100

HC\_cG250 (EcoRI-fragment in expression vector) double strand sequencing 08.05.2001

2101 TCAAGAACCTGCA AACACCTGGCA GCAGCTGGCA GGAAGCAGGT CATGTTGGCAA GGCCTATTGG CGAAGGGAAA ATAAAACAC TAGGTTAACT TGTAGCTGTG 2200  
2201 GTTTGAAGAA GTGGTTTGAA AACACTCTGT CCAGCCCCAC CAAACCGAAA GTCCAGGCTG AGCAAAACAC CACCTGGGTA ATTGCATT CTAAATTTAG 2300  
2301 TTGAGGATTC AGCCGAACCT GGAGAGGTCC TCTTTAACT TATTGAGTTC AACCTTTAA TTTCAGCTTG AGTAGTTCTA GTTTCCCCAA ACTTAAGTTT 2400  
2401 ATCGACATCT AAAATGTATT TAGAATTCAT T

LC\_cG250 (HindIII-fragment in expression vector) double strand sequencing 10.05.2001

2101 AGAACATCTA TATACCTGTC GTCAGAGG TTCAAATGG TCCCTGAGCT TCTATTGTA GTTCCTTCC AGTGATTACT TGCTGTCCTT GGTAGTACTT 2200  
2201 TTGACTGTT ATTAAACCTG GATACTCTCA TACAGCTTG TAACTTCTT CCTTATTGTA TGACTGCTT GCATAGATCC CTAGAGGCCA GCCCAGCTGC 2300  
2301 CCATGATTA TAAACCAAGGT CTTTGAGTG AGATCTGAA TACATCGAA CAGCATGGC TCAAGATGG AGTTTCATAC TCAGTCCTT GTATTCGTT 2400  
2401 TTCTCTGGTT GTCTGGTG AGTTTAAA GTTCTAAAC ATCTTAAAC ATCTTAAAC TAATTATGCTT TCCTATAGGA AGCCATATT AGCCAGACAA 2500  
2501 TGCCATTAGA TAAGACATT TGAGACATT TCTGTTTACTC ATTATCTTT GTATATATAA GTTGTACTC ATTATCTTT TCTGTTGCA GGTTGTTGATG 2600  
2601 GAGACATTTGATGACCCAG TCTCRAAGAT TCATGTCAC AACAGTAGGA GACGGGTCA GCAAGTACCTG CAAGGCCAGT CAGAATGTCGTTCTG 2700  
2701 TGCCCTGGTAT CAAAGAAC CAGCAAAAC CAGCAAAAC CAGCAAAAC CAGCAAAAC TCCCTAACTA CTGATTACTC CAGCATCCAA TCCGTACACT GGTGTCCTG 2800  
2801 TCTGGACAG ATTICACTCT CACCATAGC AATATGCACT CTGAAGACTT GGCTGATTTC TCTCTGTCAC AATATAGCAA CTATCCGTGG AGCTTCGGTG 2900  
2901 GAGGCACCAA GCTGGAAATC AAAGTAAAT AGATCCAA CTCTCTTCTT TCCGGTGTCT ATGTCCTGTG CTTCTATGTC TAAAATGAT GTAGATATT 3000  
3001 TTTCCTGAG ACCAGATCT GTCACTCTCC AAGGCAAGA TACATAGTC, CTCCTCTAGC AGAGCTGGAA ATAGGCTGAA CTGTTCTCTT GGGRATGAA 3100  
3101 TGCCAGTGTAA TAAATTAAACA CAAAGTATAG TTTCGAAT GCTCAAAGAA GCAGGGTAGC CTGCCCTAGA CAAACCTTA CTGGTGTCTC AGACCATGCT 3200  
3201 CAGTTTGTG ATGGGGTG AGTGAAGGG CACCACTGTG TGTATACGTT CGGAGGGGG ACCAAGCTGG AAATAAAACG TAATGTTCT TCTCAACTCT 3300  
3301 TGTTCACTGA GTCTAACCTT GTTACTTTGT TCTTGTGT GTGTTTTCT TAAGGAGATT TCAGGGATGT ATCAAATTC ATTCTCAGT CAGGTGTTAA 3400  
3401 GGAGGGAAA CTTGTCCCCA AAGAGCTGG AATGATTT AGGCTAAATT TTAGGCTCTT AAACCAAAGT CATTAAACTA GGGGAAGGG GATAATTGTC 3500  
3501 TGCCTAGGGA GGTTTTGTG GAAAGTACGT TAAAGTGT CACTGTAACAC CACATTCTAGA GATGGGACCA GACTGGAAAT AAAACCTTAAG AACATTCTTG 3600  
3601 CTCAACTGCT TGTGAAGTT TGGTCCATT GTGTCCCTTGT TGTGAGTTTG TGGTGTCTAT TAGATAAATG AACTATCCT TGTAAACCA AACTTAATAA 3700  
3701 GACGAGAACC AAAAATCTAG CTACTGTATA AGTGTGCAA ACAGACTGAC CTCATGTCAG ATTGTTGGGG :GAATGAGAA AGGAACAGTT TTCTCTTGAA 3800  
3801 CTGGCCATT CTAACTGGAT CAGCCCTCAGG CAGGTTTTG TAAAGGGGG CACAGTCATA TGAATCACTG TGATTICACGT TCGGCTCGGG GACAAGTGTG 3900  
3901 GAAATAAAC GAAAGTGTGTT TTTGCTCAT TTACTGTGA CGTTTTGGTT CTGTTGGGT ACTCTGTGTG ATTITGTGAC ATTITGGCTA AATGAGCCAT 4000  
4001 TCCGGCAAC CTGTGCATCA ATAGAAGATC CCCAGAAA GAGTCAGTGT GAAAGCTGAG CGAAAAACTC GTCTTAAGCT TCTGAGACCA GTTTGTGAG 4100  
4101 GGGAAATGTAG AAGAAAGAGC TGGGCTTTCTCTGAATT GGCCCACATTA GTTGGACTGG CTTCACAGGC AGCTTTTTGT AGAGAGGGC ATGTCATACTG 4200  
4201 CCTCACTGTG GCTCACGTGTC GGTGGCTGGGA CCAAGCTGGA GCTGAAGCT GAGTACACTT TTCTCATCTT TTCTTGCTG TAAGACACAG GTTTCTGTGT 4300  
4301 TAGGAGTTAA AGTCAGTTCA GAAAATCTTG AGAAATGGA GAGGGCTCAT TATCAGTGA CGTGGCCTAC AGTCAGTGTAT TTCTGTGTTA TCAAGCTGTG 4400  
4401 GAGATTAGGG GCAAAAAGAG GCTTGTGAGT ATTAAATACT ATGGTCACCA TCCAAGAGAT TGGACCGGAG AATAAGCTAG AGTAGTGTATT 4500



**Figure 4**

Schematic figure of an antibody. Disulfide bonds detected by mass spectrometry after enzymatic digest in WX-G250 are labeled by ovals.

Figure 5

**Characterization of WX-G250 according to MALDI-PMF (Trypsin, LysC, AspN, GluC, and BrCN) in reflector and linear mode**

**Light Chain:**

DIVMTQSQRF MSTTVGDRVS IT**C**KASQNVV SAVAWYQQKP  
 GQSPKLLIYS ASNRYTGVPD RFTGSGSGTD FTLTISNMQS  
 EDLADFF**C**QQ YSNYPWTFGG GTKLEIKRTV AAPSVFIFPP  
 SDEQLKSGTA SVV**C**LLNNFY PREAKVQWKV DNALQSGNSQ  
 ESVTEQDSKD STYSLSSLT LSKADYEKHK VY**A**C**E**VTHQG  
 LSSPVTKSFN RGE**C**

**Heavy Chain:**

DVKLVESGGG LVKLGGSLKL **S**CAASGFTFS NYYMSWVRQT  
 PEKRLELVAA INSDGGITYY LDTVKGRTI SRDNAKNTLY  
 LQMSSILKSED TALFY**C**ARHR SGYFSMDYWG QGTSVTVSSA  
 STKGPSVFPL APSSKSTSGG TAALGCLVKD YFPEPVTVSW  
 NSGALTSGVH TFPAVLQSSG LYSLSSVVTV PSSSLGTQTY  
 ICNVNHKPSN TKVDKKVEPK SCDKTH**C**PP CPAPELLGGP  
 SVFLFPPKPK DTLMISRTPE VTCVVVDVSH EDPEVKFNWY  
 VDGVEVHNAK TKPREEQY**N**S TTYRVVSVLTV LHQDWL**N**GKE  
 YKCKVSNKAL PAPIEKTISK AKGQPREPQV YTLPPSRDEL  
 TKNQVSLTCL VKGFYPSDIA VEWESNGQPE NNYKTPPPVL  
 DSDGSFFLYS KLTVDKSRWQ QGNVFSCSVM HEALHNHYTQ  
 KSLSLSP**G**K

Reflector mode  
 -----  
 Additional information  
 from linear mode spectra

**C** Detected bridged cysteins (reflector mode)  
**C** Detected bridged cysteins (linear mode)  
**C**: Cystein not determined as bridged cysteins  
**K**: Heavy chain partially lacks C-terminal lysine



Confirmed glycosylation site



Confirmed deamidation sites

Light chain:

DIVMTQSQRF MSTTVGDRV SITCKASQNVV SAVAWYQQKP GQSPKLLIYS  
ASNRYTGVPD RFTGSGSGTD FTLTISNMQS EDLADFFCQQ YSNYPWTFGG  
GTKLEIKRTV AAPSVFIFPP SDEQLKSGTA SVVCLLNNFY PREAKVQWKV  
DNALQSGNSQ ESVTEQDSKD STYSLSSTLT LSKADYEKHK VYACEVTHQG  
LSSPVTKSFN RGEC

Heavy chain:

DVKLVESGGG LVKLGGSLKL SCAASGFTFS NYYMSWVRQT PEKRLELVAA  
INSDGGITYY LDTVKGRFTI SRDNAKNTLY LQMSSLKSED TALFYCARHR  
SGYFSMDYWG QGTSVTVSSA STKGPSVFPL APSSKSTSGG TAALGCLVKD  
YFPEPVTVSW NSGALTSGVH TFPAVLQSSG LYSLSSVVTV PSSSLGTQTY  
ICNVNHKPSN TKVDKKVEPK SCDKTHTCPP CPAPELLGGP SVFLFPPKPK  
DTLMISRTPE VTCVVVDVSH EDPEVKFNWY VDGVEVHNAK TKPREEQYNS  
TYRVVSVLTV LHQDWLNGKE YKCKVSNKAL PAPIEKTISK AKGQPREPQV  
YTLPPSRDEL TKNQVSLTCL VKGFYPSDIA VEWESNGQPE NNYKTTPPVL  
DSDGSFFLYS KLTVDKSRWQ QGNVFSCSVM HEALHNHYTQ KSLSLSPGK

Figure 6: LC-MS and LC-MS/MS of tryptic digest of cG250